



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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TEXAS, West

Culberson County

12 E Van Horn

01 1745CST 0.1 25 0 0 0 0 Tornado (F0)

A DPS trooper traveling on Interstate 10 reported a "long and skinny" tornado east of Van Horn. Radar indicated a strong thunderstorm in the area with cloud tops to 50,000 feet.

Culberson County

**10 E Van Horn to
15 E Van Horn**

**01 1945CST
2025CST 0 0 0 0 Urban/Sml Stream Fld**

Law officials reported flooding of low lying areas along Interstate 10 east of Van Horn

Midland County

Midland

**01 1945CST
2000CST 0 0 150K 0 Thunderstorm Wind (E65)**

A damaging microburst occurred in the northern portions of the city of Midland. High winds up to 70 MPH resulted in numerous large trees being blown down...damage to fences...and business signs. The most significant damage was centered near the intersection of Loop 250 and Garfield Street... however... windows were broken by the high winds as far west as Midkiff Street. Power lines were also blown down...resulting in power outages. One power line landed on a vehicle. No injuries were reported

Ector County

Gardendale

**01 2000CST
2010CST 0 0 15K 0 Thunderstorm Wind (E61)**

A second strong microburst developed near the Ector and Midland County line...just northwest of the Midland International Airport...just before 900 PM CDT. As a result...high winds broke windows and blew down trees in the city of Gardendale.

Andrews County

Andrews

**01 2025CST
2035CST 0 0 50K 0 Thunderstorm Wind (E61)**

Winds up to 70 MPH from severe thunderstorms resulted in damage throughout parts of the city of Andrews. The most significant damage occurred at the First Baptist Church...where a portion of the roof was blown off. The same church lost its roof during severe thunderstorms in July. In addition...several large trees were blown down throughout the city

Midland County

Midland

**01 2045CST
2155CST 0 0 20K 0 Flash Flood**

Several cars were reported to have been stalled by high water on Midkiff and Garfield Streets...just south of Loop 250 in Midland. Flash flooding resulted from very high rainfall rates associated with the microburst in the northern parts of the city. No injuries were reported, however, water was reported to be as high as the windshields on a few cars.

Midland County

Midland

01 2045CST 0 0 100K 0 Lightning

Lightning struck building 11 at the Polo Park Apartment complex in north Midland. The building was fully engulfed in flames within thirty minutes. All residents were evacuated and no injuries were reported.

Gaines County

Seminole

**01 2240CST
2330CST 0 0 0 0 Flash Flood**

Four lanes of Highway 180 were covered by high water on the southeast side of the city of Seminole.

Andrews County

9 NE Andrews

**01 2255CST
2325CST 0 0 0 0 Flash Flood**

The intersection of Farm to Market 1788 and Highway 115 was covered by high water

An active severe weather episode unfolded across the central and western Permian Basin...and southeast New Mexico during the



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TEXAS, West									
evening of the 1st. Several damaging microbursts affected the area. Flash flooding along with intense and damaging lightnin, accompanied the storms. Total losses in the Permian Basin likely exceeded \$300,000.									
Reeves County									
Pecos	02	0730CST 0746CST			0	0	0	0	Flash Flood
Heavy overnight rainfall resulted in flash flooding in parts of Reeves County. The DPS reported up to 8 inches of water covering numerous intersections in the city of Pecos.									
Jeff Davis County									
9 NW Ft Davis	13	1400CST			0	0	0	0	Hail(0.75)
Dime size hail was reported at the McDonald Observatory along with a peak wind gust of 56 MPH									
Jeff Davis County									
8 SSW Ft Davis	13	1420CST			0	0	0	0	Hail(0.75)
A DPS officer reported dime size hail on Highway 17.									
Pecos County									
Coyanosa	13	1617CST 1622CST			0	0	0	0	Hail(1.25)
Ward County									
12 S Monahans	13	1645CST			0	0	0	0	Hail(1.75)
Reported by a spotter at the intersection of Farm to Markets 1219 and 1776.									
Howard County									
Forsan	13	1655CST 1718CST			0	0	0	0	Hail(1.25)
The NWS COOP observer in Forsan reported nickel to half dollar size hail.									
Ward County									
Monahans	13	1700CST 1730CST			0	0	25K	0	Hail(1.75)
Numerous reports of large hail up to the size of golfballs were received from Monahans. Local newspaper reports indicated that several roofs and vehicles received damage due to the hail.									
Ward County									
Monahans	13	1735CST			0	0	10K	0	Lightning
The local newspaper reported that lightning resulted in a minor house fire. Damage was restricted to the kitchen of the home. No injuries were reported.									
Glasscock County									
13 N Garden City	13	1810CST 1824CST			0	0	0	0	Thunderstorm Wind (E52)
Mitchell County									
Loraine	13	1815CST			0	0	0	0	Hail(0.75)
Ector County									
Penwell	13	1819CST 1825CST			0	0	0	0	Hail(0.88)
Midland County									
Midland	13	1822CST			0	0	0	0	Hail(0.75)
An off duty NWS meteorologist reported dime size hail at Loop 250 and County Road 1140. This was the first of numerous reports of large hail in and near the city of Midland from a thunderstorm which rapidly became severe as it moved south out of southern Martin County.									
Glasscock County									
13 N Garden City to 8 N Garden City	13	1824CST 1831CST			0	0	0	0	Hail(1.00)
A trained spotter reported quarter size hail and 60 MPH thunderstorm winds on Highway 33.									
Ector County									
12 SSE Odessa	13	1845CST 1846CST			0	0	0	0	Thunderstorm Wind (E52)



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TEXAS, West									
Midland County									
24 SW Midland	13	1846CST			0	0	5K	0	Thunderstorm Wind (E61)
The public and the local broadcast media reported 60 to 70 MPH winds in the far southwest corner of Midland County. These winds resulted from the outflow of the Ector County storm. Numerous road signs were blown down along Farm to Market 1787.									
Midland County									
4 NE Midland	13	1850CST			0	0	0	0	Hail(1.50)
Large hail was reported by an off duty NWS meteorologist along Interstate 20.									
Midland County									
Midland	13	1851CST 1910CST			0	0	10K	0	Hail(1.75)
Numerous reports of severe hail in the city of Midland were received. The largest hail observed was the size of golfballs. No significant damage was reported.									
Glasscock County									
3 N Garden City	13	1901CST 1909CST			0	0	0	20K	Hail(2.75)
Glasscock County									
3 N Garden City to Garden City	13	1901CST 1905CST			0	0	10K	0	Thunderstorm Wind (E61)
A trained spotter reported hail up to the size of baseballs with damaging winds blowing down trees and power lines.									
Mitchell County									
15 SSE Colorado City	13	1913CST	0.1	50	0	0	0	0	Tornado (F0)
A commercial airline pilot reported a brief tornado in southeast Mitchell County. Radar representation of the storm indicated the tornado was likely near Highway 208 about 15 miles SSE of Colorado City. No damage was reported by the local authorities.									
Howard County									
Coahoma	13	1945CST 1950CST			0	0	0	0	Hail(0.88)
Midland County									
4 NE Midland	13	1945CST			0	0	0	0	Hail(0.75)
A second severe thunderstorm developed on the east side of the city. This thunderstorm resulted in dime size hail									
Reagan County									
13 N Stiles	13	1947CST			0	0	0	0	Thunderstorm Wind (M53)
Severe wind gusts were measured by a trained spotter along Highway 349.									
Glasscock County									
St Lawrence	13	2005CST 2020CST			0	0	0	0	Flash Flood
Flash flooding resulted in water up to two feet high over Farm to Market Road 2401.									
Upton County									
11 N Rankin	13	2005CST			0	0	0	0	Thunderstorm Wind (E52)
Midland County									
21 SE Midland	13	2010CST 2020CST			0	0	0	0	Flash Flood
Flash flooding resulted in water up to two feet deep over Farm to Market Road 1379 just east of the intersection with Highway 349									

The afternoon and evening of the 13th brought an active severe weather episode to West Texas. A cold front was slowly progressing across the southern plains...stretching from southwest Oklahoma into southeast New Mexico by late afternoon. A surface trough of low pressure was located south of the front across the Trans Pecos Region. Numerous severe thunderstorms developed across the



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TEXAS, West

area, a few of which took on supercellular characteristics. These storms resulted in hail to the size of baseballs and one tornado. Despite the amount of severe weather which took place across the area on the 13th, reports of damage were very limited.

Brewster County

Alpine	20	1800CST 1845CST			0	0	30K	0	Flash Flood
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Brewster County

Alpine	20	1800CST			0	0	5K	0	Thunderstorm Wind (E61)
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Reeves County

10 S Orla	20	1931CST 2030CST			0	0	0	0	Flash Flood
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A trained spotter reported flash flooding. This flooding resulted in up to six inches of water covering the road near the intersection of U.S. Highway 285 and County Road 436.

High winds and very heavy rainfall accompanied several thunderstorms across southwest Texas on the 20th. The most significant event was a microburst which affected the city of Alpine. Winds to 70 MPH downed a 130 foot tall light standard at the football stadium. Flash flooding resulting from the downburst flooded several homes and businesses on the north side of town, including the U.S. Border Patrol office. An NWS COOP rainfall observer reported four to four and a half inches of rain with the event.

Dawson County

Welch	21	1500CST 1520CST			0	0	50K	0	Thunderstorm Wind (E70)
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An intense microburst with winds of 80 MPH affected the town of Welch resulting in damage. Farm equipment was destroyed. Lights at the football stadium were also blown down. There were no reports of significant structural damage or injuries, however, minor roof damage occurred.

Dawson County

Welch	21	1515CST 1530CST			0	0	10K	0	Flash Flood
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Intense downpours resulting from the microburst caused flash flooding in Welch. At least one car was stranded in the flood waters with water up to the windows. No injuries were reported.

Jeff Davis County

26 NNW Ft Davis	21	1600CST 1800CST			0	0	0	0	Flash Flood
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The Texas DOT reported flash flooding resulting in two feet of water over Farm to Market 1832

Gaines County

20 E Seminole	21	1635CST 1730CST			0	0	0	0	Urban/Sml Stream Fld
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Minor flooding of rural roads was reported

Andrews County

Florey	21	1830CST			0	0	0	0	Thunderstorm Wind (E52)
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A large tree was blown over by 60 MPH severe thunderstorms winds.

Howard County

Big Spring	21	2036CST 2130CST			0	0	0	0	Flash Flood
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Numerous reports of street flooding were received from the city of Big Spring proper. Several roads had to be closed due to flash flooding.

Howard County

Big Spring	21	2245CST 2315CST			0	0	0	0	Urban/Sml Stream Fld
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Wild Horse Creek flooded resulting in a foot of running water over Highway 350 near the northeast side of Big Spring.



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TEXAS, West

Thunderstorms across the Permian Basin resulted in microbursts and flash flooding. The most significant events occurred at Welch in Dawson County, and in and around the city of Big Spring in Howard County.

Jeff Davis County
9 NW Ft Davis

22	1205CST	0	0	0	0	Thunderstorm Wind (M52)
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A thunderstorm produced a severe wind gust at the McDonald Observatory.